

## GF Series Gear Motor (Right Angle Shaft Type)

GF 750W

### GF Single-phase/Three-phase 750W GFS [Hollow Shaft] / GFF [Solid Shaft]

#### Motor Parameters

| Motor specifications | Power (W) | Insulation grade | Voltage (V) | Frequency (Hz) | Rated current (A) | Rated operating speed (rpm) | Capacitance (μF) |
|----------------------|-----------|------------------|-------------|----------------|-------------------|-----------------------------|------------------|
| Three-phase          | 750       | F                | 380         | 50             | 2.13              | 1400                        | -                |
|                      |           |                  | 220         | 50             | 3.66              | 1400                        | -                |

#### Torque Table of Gear Motor

| Motor power      | Shaft diameter | Reduction ratio | Operating speed of output shaft (rpm) | Allowable torque of output shaft |       | Allowable O.H.L. of output shaft |     | Allowable axial load of output shaft |     | Outline Dimension     |              |
|------------------|----------------|-----------------|---------------------------------------|----------------------------------|-------|----------------------------------|-----|--------------------------------------|-----|-----------------------|--------------|
|                  |                |                 | 50Hz                                  | N.m                              | Kgf.m | N                                | Kgf | N                                    | Kgf | Gear motor with brake |              |
| Three-phase 750W | 35 (32)        | 1/10            | 150                                   | 41                               | 4.2   | 3630                             | 370 | 912                                  | 93  | Figure GF-11          | Figure GF-12 |
|                  |                | 1/15            | 100                                   | 63                               | 6.4   | 4070                             | 415 | 1030                                 | 105 |                       |              |
|                  |                | 1/20            | 75                                    | 83                               | 8.5   | 4460                             | 455 | 1079                                 | 110 |                       |              |
|                  |                | 1/25            | 60                                    | 104                              | 10.6  | 4700                             | 480 | 1177                                 | 120 |                       |              |
|                  |                | 1/30            | 50                                    | 124                              | 12.7  | 4750                             | 485 | 1177                                 | 120 |                       |              |
|                  |                | 1/40            | 37.5                                  | 166                              | 16.9  | 4750                             | 485 | 1177                                 | 120 |                       |              |
|                  |                | 1/50            | 30                                    | 208                              | 21.2  | 4750                             | 485 | 1177                                 | 120 |                       |              |
|                  |                | 1/60            | 25                                    | 249                              | 25.4  | 4750                             | 485 | 1177                                 | 120 |                       |              |

Notes: 1. The allowable O.H.L. of the output shaft should be considered when the chain tooth, conveyor belt, and gear are used to connect the reducer shaft and the supporting machines.

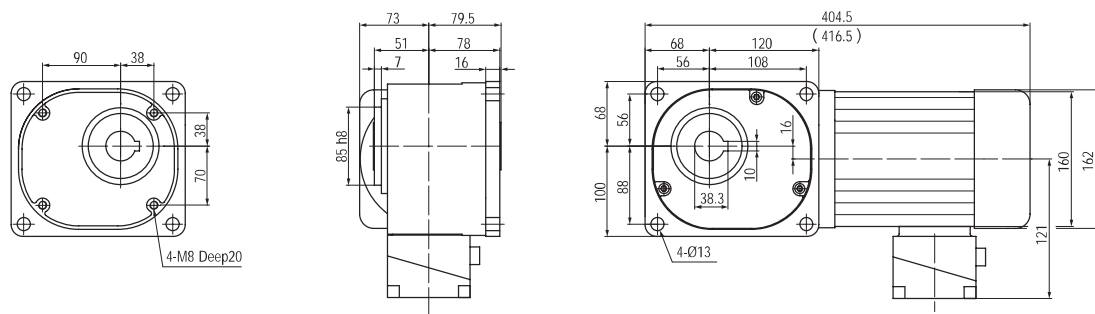
2. Location of allowable O.H.L. load in the table (solid shaft: center of the output shaft; hollow shaft: at 20mm to the end surface of the output shaft).

3. The value in the bracket is the shaft diameter of GFF concentric solid shaft.

#### Outline Dimension

##### GFS35N010-60-750

Figure GF-11



##### GFF32010-60-750

Figure GF-12

